

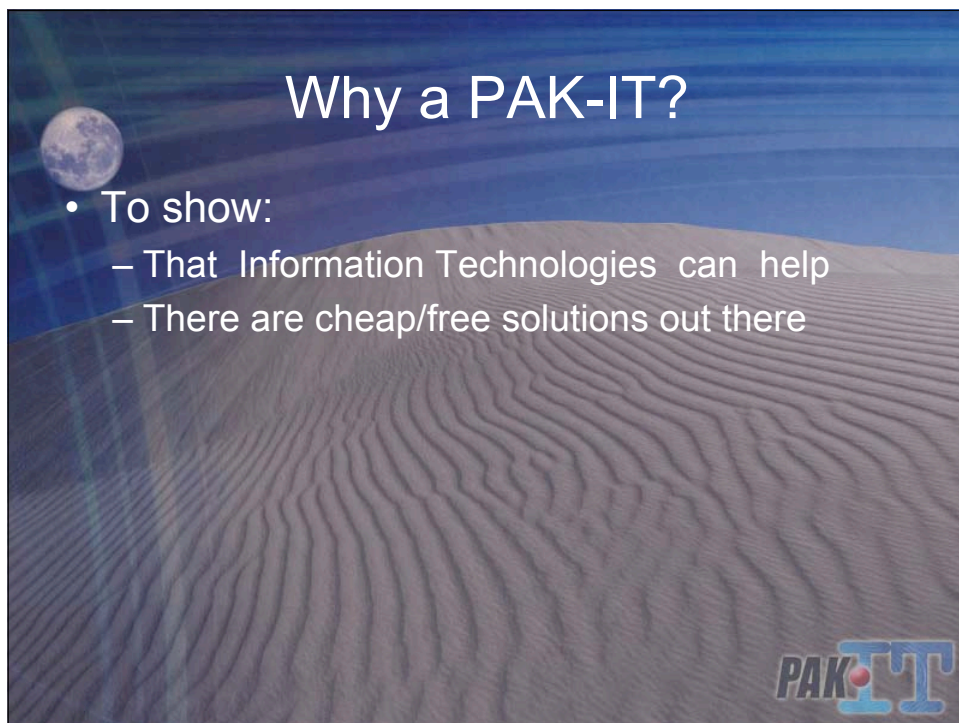


PAK-IT

Portable Application Kit for Information Technology

*How could IT be used in International Development?*

PAK-IT



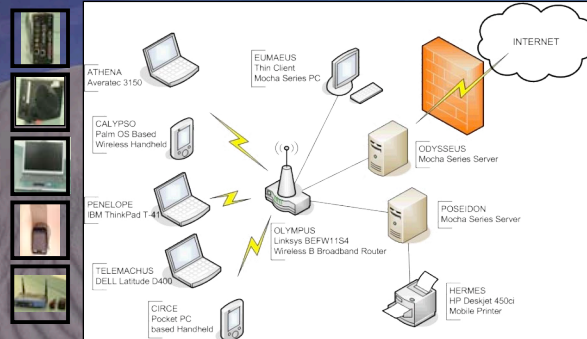
Why a PAK-IT?

- To show:
  - That Information Technologies can help
  - There are cheap/free solutions out there

PAK-IT

# What is PAK-IT?

- Servers
- Thin Client
- Laptops
- PDAs
- Peripherals



PAK-IT

# How can IT help?

- Helping things run better
- Building platforms for operating
- Increasing Communication and Information



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# Software Tools

The diagram is a circular chart with two concentric rings. The outer ring is divided into six segments, each representing a category of software tools. The inner ring is divided into six segments, each representing a function. The segments are color-coded and labeled as follows:

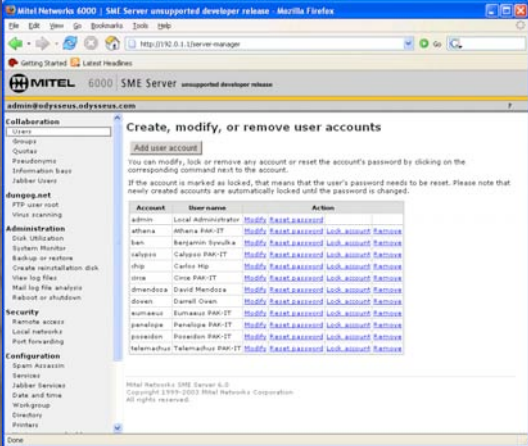
- Evaluating** (Light Green): Blogging
- Operating** (Light Yellow): Email, Chat, PBX, Linux Desktops
- Planning** (Yellow): Project management Groupware
- Building** (Red): Productivity Software, Workflow
- Marketing** (Pink): Print Marketing, Web Marketing
- Maintaining** (Brown): Customer Relationship Management, PBX

The background of the slide features a blue sky with a full moon and a desert landscape with sand dunes.

**PAK IT**

# Operating

- Email Server



The screenshot displays the Mikrotika WinBox interface for the '6000 SME Server' (unsupported developer release). The main window is titled 'Create, modify, or remove user accounts'. It includes a sidebar with navigation options like 'Users', 'Groups', 'Quotas', 'Pseudonyms', 'Information base', 'Tabular Users', 'Running net', 'FTP user root', 'Winbox running', 'Administration', 'Disk Utilization', 'System Monitor', 'Backup or restore', 'Create virtualization disk', 'View log files', 'Mail log file analysis', 'Reboot or shutdown', 'Security', 'Remote access', 'Local networks', 'Port forwarding', 'Configuration', 'Span Accession', 'Services', 'Tabular Services', 'Date and time', 'Workgroup', 'Directories', 'Printers', and 'Done'. The main content area shows a table of user accounts with columns for 'Account', 'User name', and 'Action'. The table lists several accounts, including 'admin', 'mfrana', 'ben', 'calypso', 'chip', 'crua', 'dmandaza', 'doreen', 'eumeneus', 'jandaza', 'josephine', 'telemachus', and 'telemachus'. Each account has a 'Modify' and a 'Remove' action link. The bottom of the window shows the Mikrotika logo and copyright information: 'Mikrotika SME Server 6.0 Copyright 1999-2003 Mikrotika Corporation All rights reserved.'

Account	User name	Action
admin	Local Administrator	<a href="#">Modify</a> <a href="#">Reset password</a>
mfrana	Mfrana PAM-IT	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
ben	Benjamin Benueke	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
calypso	Calypso PAM-IT	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
chip	Charlie Wip	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
crua	Crua PAM-IT	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
dmandaza	David Mandaza	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
doreen	Doreen Owen	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
eumeneus	Eumeneus PAM-IT	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
jandaza	Jandaza PAM-IT	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
josephine	Josephine PAM-IT	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
telemachus	Telemachus PAM-IT	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>

- Email Server

Mikrotik WinBox: Mikrotik WinBox 3.14.1 (64-bit)

File Edit View Tools Settings Help Log

Getting Started Latest releases

Mikrotik 6000 SME Server unconfigured developer release

admin@sysdev.sysdevs.com

Collaboration

Users

Groups

Quotas

Preferences

Informational help

Tabular view

FTPing user root

WinBox training

Administration

Config Utilization

System Monitor

Backup or restore

Configuration backup

User log files

Mail log file analysis

Relay or vmail

Security

Remote access

Local network

Port forwarding

Configuration

System Accounts

Services

Tabular Services

Date and time

Workgroup

Firewall

Profiles

Create, modify, or remove user accounts

Add user account

You can modify, lock or remove any account or reset the account's password by clicking on the corresponding command next to the account.

If the account is marked as locked, that means that the user's password needs to be reset. Please note that newly created accounts are automatically locked until the password is changed.

Account	User name	Action
admin	Local Administrator	<a href="#">Modify</a> <a href="#">Reset password</a>
ethan	Athanas Ath-17	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
sarah	Sybilan Sybilan	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
carlos	Calypso PAM-17	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
php	Cine PAM-17	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
vince	Cine PAM-17	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
dremenda	David Mendosa	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
dwonson	Darrell Dwon	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
sumand	Sumand PAM-17	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
penelope	Penelope PAM-17	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
porcedon	Porcedon PAM-17	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>
telemanita	Telemanita PAM-17	<a href="#">Modify</a> <a href="#">Reset password</a> <a href="#">Lock account</a> <a href="#">Remove</a>

Mikrotik WinBox 3.14.1 (64-bit)

Copyright 1999-2013 Mikrotik WinBox Corporation

# Operating

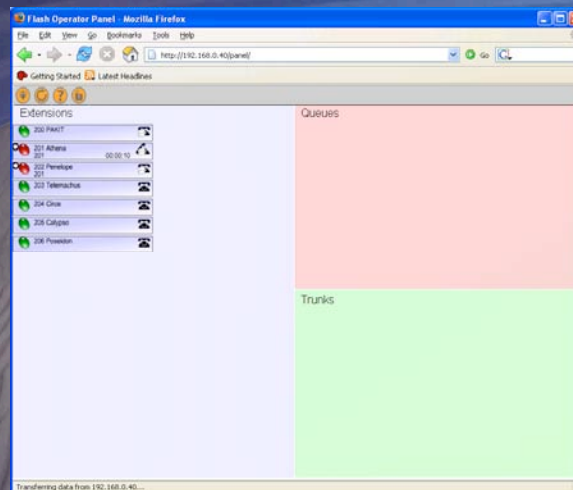
- Corporate Chat



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# Operating

- PBX



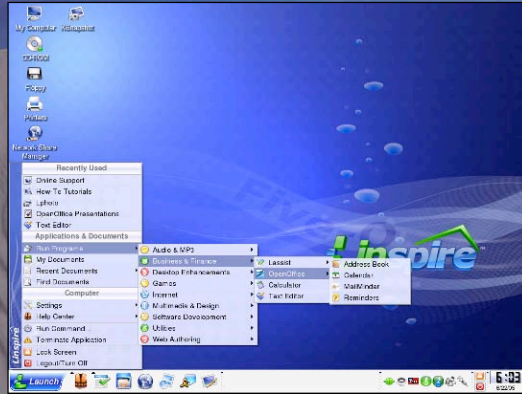
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# Operating

- Linux Desktops:  
Linspire



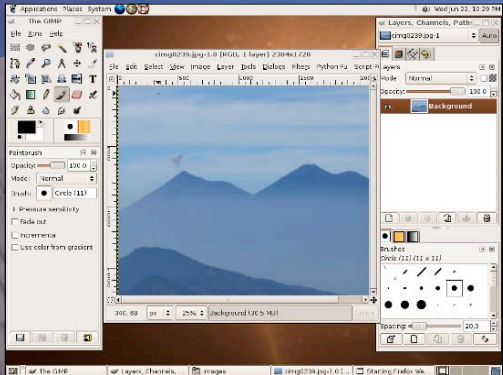
- Linux Desktops:  
Linspire



**PAK-IT**

# Operating

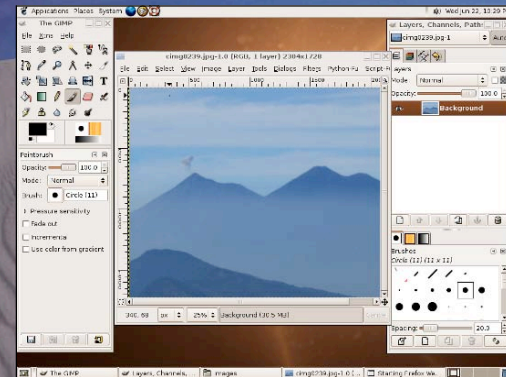
- Linux Desktops:  
Ubuntu



The screenshot displays the GIMP (GNU Image Manipulation Program) application running on a Linux desktop. The main window shows a landscape image with mountains and a red flag on a peak. The interface includes various toolbars on the left and right, and a status bar at the bottom. The desktop background is a blue sky with a full moon and a desert landscape.

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- Linux Desktops:  
Ubuntu

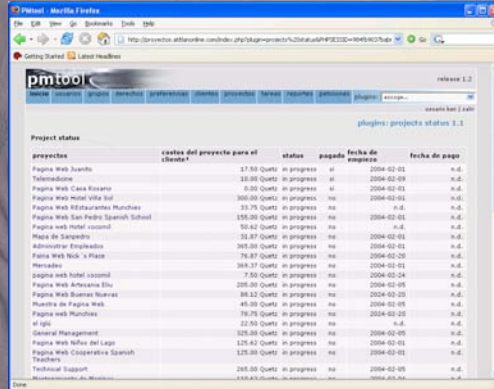


PAK-TV



# Planning

- Project Management



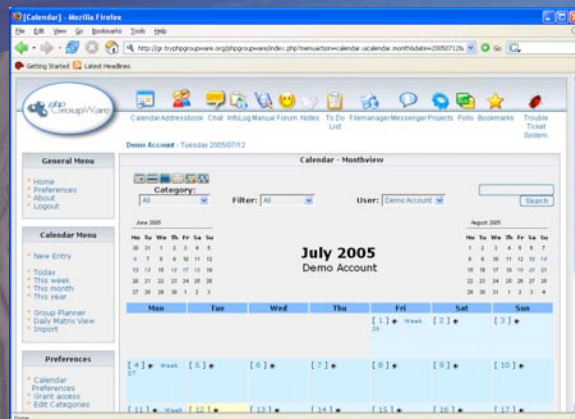
The screenshot shows the Pmtool application window with a menu bar (Archivo, Edición, Formato, Herramientas, Ventanas, Configuración, Ayuda) and a toolbar. The main content area displays a table titled 'Project status' with columns: proyectos, costos del proyecto para el cliente, status, pagado, fecha de respuesta, and fecha de pago. The table lists various projects and their financial and status details.

proyectos	costos del proyecto para el cliente	status	pagado	fecha de respuesta	fecha de pago
Página Web Juvenil	17.50 Quetz	in progress	si	2004-02-01	n.d.
Telemedicina	100.00 Quetz	in progress	si	2004-02-08	n.d.
Página Web Casa Rosano	9.00 Quetz	in progress	si	2004-02-01	n.d.
Página Web Hotel Villa Sol	300.00 Quetz	in progress	no	2004-02-01	n.d.
Página Web Restaurante Munchies	31.75 Quetz	in progress	no	n.d.	n.d.
Página Web San Pedro Spanish School	155.00 Quetz	in progress	no	2004-02-01	n.d.
Página web hotel colonial	50.62 Quetz	in progress	no	n.d.	n.d.
Mesa de Saneamiento	31.87 Quetz	in progress	no	2004-02-01	n.d.
Administrador Empresarial	345.00 Quetz	in progress	no	2004-02-01	n.d.
Página Web Web - Plan	76.87 Quetz	in progress	no	2004-02-01	n.d.
Herramientas	949.37 Quetz	in progress	no	2004-02-01	n.d.
Página web hotel colonial	7.50 Quetz	in progress	no	2004-02-04	n.d.
Página Web Artesano Elu	205.00 Quetz	in progress	no	2004-02-08	n.d.
Página Web Buenos Nuevos	98.12 Quetz	in progress	no	2004-02-01	n.d.
Página Web de Página Web	41.00 Quetz	in progress	no	2004-02-01	n.d.
Página web Munchies	76.75 Quetz	in progress	no	2004-02-01	n.d.
el ygu	22.50 Quetz	in progress	no	n.d.	n.d.
General Management	325.00 Quetz	in progress	no	2004-02-01	n.d.
Página Web Rufus del Lago	125.82 Quetz	in progress	no	2004-02-01	n.d.
Página Web Cooperativa Spanish Teachers	125.00 Quetz	in progress	no	2004-02-01	n.d.
Teacher's Support	265.00 Quetz	in progress	no	2004-02-01	n.d.

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# Planning

- Groupware



The screenshot shows the Calendar application window with a menu bar (Archivo, Edición, Formato, Herramientas, Ventanas, Configuración, Ayuda) and a toolbar. The main content area displays a monthly calendar for July 2005. The calendar shows days of the week and dates, with a search bar and various settings options.

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4

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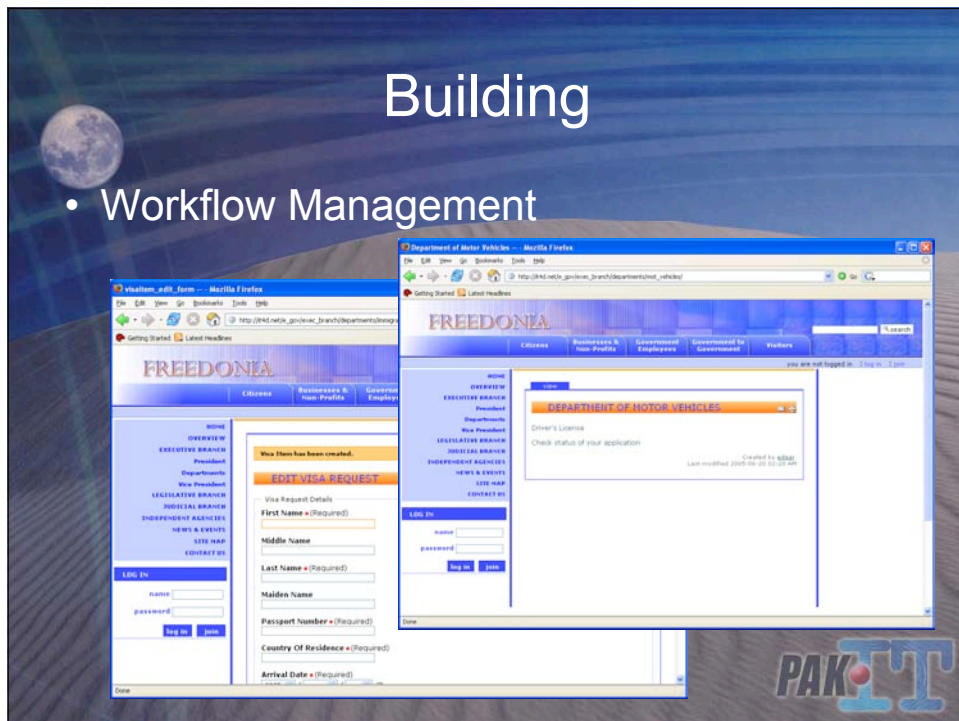
# Building

- Productivity Software



# Building

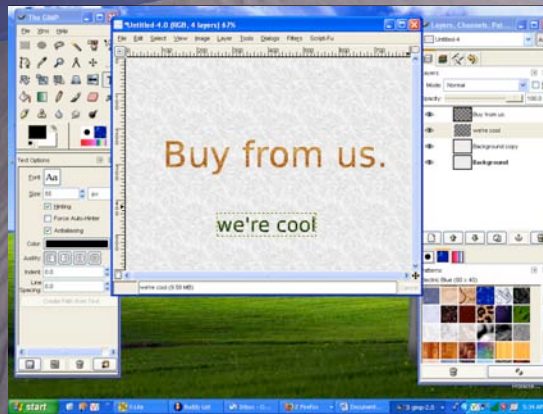
- Workflow Management





# Marketing

- Graphic Design



# Marketing

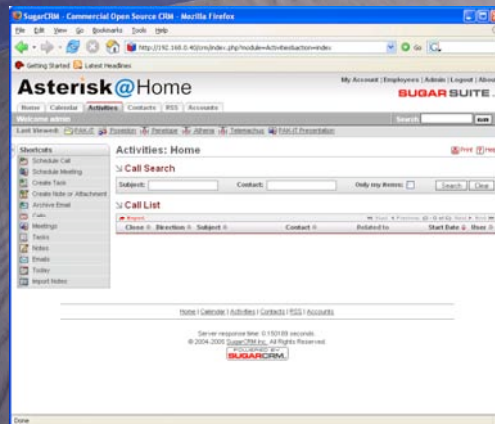
- Internet Marketing





# Maintaining

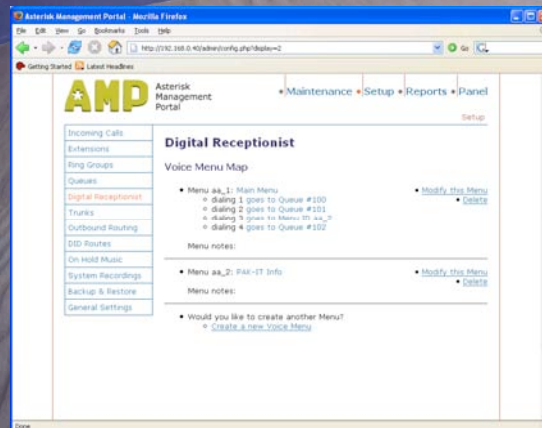
- Customer Relationship Management



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# Maintaining

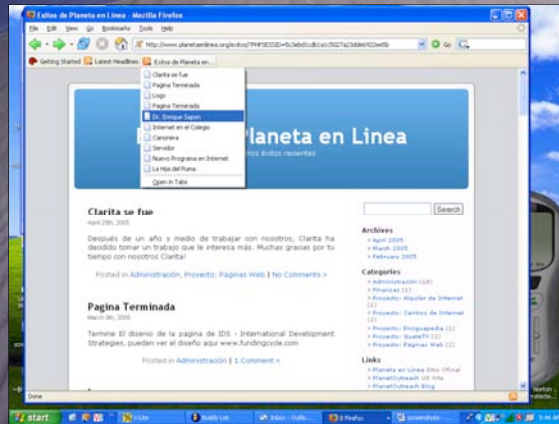
- PBX Customer Service



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# Evaluating

- Blogging



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# Applying this to Development

- Government
  - Visa and License Requests online
  - Procurement online
  - Judicial Case Tracking System
- Economic Growth
  - Streamlined operations (ERP, CRM, Groupware)
  - Productivity Software
  - eCommerce - Marketing and selling online

PAK IT



## Applying this to Development

- Electronic Education
  - School Administration
  - eLearning Tools
- Social Development
  - Media Production
  - Community Portals



## Conclusions

- There are low-cost and free IT solutions for all kinds of needs
- Organizations can dramatically improve the way they interact with people they serve, resulting in:
  - More efficient civil interaction
    - More Democratic and Transparent
    - Less Bureaucratic
  - Better Business
    - More Competitive Customer Service
    - Lower production costs
  - Better AID
    - Lower Operating Costs
    - More money going to beneficiaries

